

## **IN THE CLAIMS:**

### Amendments to the Claims

Please cancel claims 1 and 2 without prejudice or disclaimer of the subject matter thereof, and please rewrite claims 3 and 4 in independent form as shown below.

### Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

3. (currently amended) ~~The X-ray CT scanner according to claim 2,~~  
comprising:

an X-ray tube for radiating X-rays to a subject;

an X-ray detector for detecting X-rays that have penetrated the subject;

a circular plate-like rotary member with an opening for insertion of a subject  
and having the X-ray tube and the X-ray detector mounted thereon at opposing  
positions with respect to the opening;

a support for rotatably supporting the rotary member; and

a rotary drive for rotating the rotary member around the subject;

wherein the X-ray tube and the X-ray detector are mounted on a side surface  
of the rotary member, the side surface being a unit mounting surface for mounting a  
control unit relating to at least one of generation and detection of the X-rays;

wherein at least one unit mounting member perpendicularly projects from the  
side surface at outer circumferential portions of the rotary member, the unit mounting  
member including an accommodation portion and a mounting portion erected around  
the accommodation portion;

wherein the control unit relating to at least one of generation and detection of  
the X-rays is mounted to the unit mounting member from an opening side; and

wherein the accommodation portion of the unit mounting member is formed by recessing or cutting away a part of the rotary member, and the mounting portion is integrally erected from the rotary member substantially perpendicularly to a unit mounting surface of the rotary member on an outer circumferential side of the accommodation portion.

4. (currently amended) The X-ray CT scanner ~~according to claim 2~~,  
comprising:

an X-ray tube for radiating X-rays to a subject;

an X-ray detector for detecting X-rays that have penetrated the subject;

a circular plate-like rotary member with an opening for insertion of a subject  
and having the X-ray tube and the X-ray detector mounted thereon at opposing  
positions with respect to the opening;

a support for rotatably supporting the rotary member; and

a rotary drive for rotating the rotary member around the subject;

wherein the X-ray tube and the X-ray detector are mounted on a side surface  
of the rotary member, the side surface being a unit mounting surface for mounting a  
control unit relating to at least one of generation and detection of the X-rays;

wherein at least one unit mounting member perpendicularly projects from the  
side surface at outer circumferential portions of the rotary member, the unit mounting  
member including an accommodation portion and a mounting portion erected around  
the accommodation portion;

wherein the control unit relating to at least one of generation and detection of  
the X-rays is mounted to the unit mounting member from an opening side; and

wherein the mounting portion of the unit mounting member is divided into a long side portion and a short side portion, the accommodation portion is formed by recessing or cutting away a part of the rotary member, and at a location near the

accommodation portion the short side portion of the mounting portion is bent substantially perpendicularly to a unit mounting surface of the rotary member and the long side portion of the mounting portion is secured to an outer circumferential side end of the short side portion of the mounting portion.